

chain nodes :
 28
 ring nodes :
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
 24 26
 chain bonds :
 24-28
 ring bonds :
 1-2 1-6 1-10 2-3 3-4 4-5 5-6 6-26 7-8 7-12 8-9 9-10 10-11 11-12 11-26
 13-14 13-18 13-22 14-15 14-26 15-16 16-17 17-18 19-20 19-24 20-21 21-22
 21-26 22-23 23-24
 exact/norm bonds :
 1-10 6-26 11-26 13-22 14-26 21-26 24-28
 normalized bonds :
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 13-14 13-18
 14-15 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24

G1:Pd,Pt

G2:Cl,Br,I

Match level :
 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 26:Atom 28:CLASS

```
=> d his
```

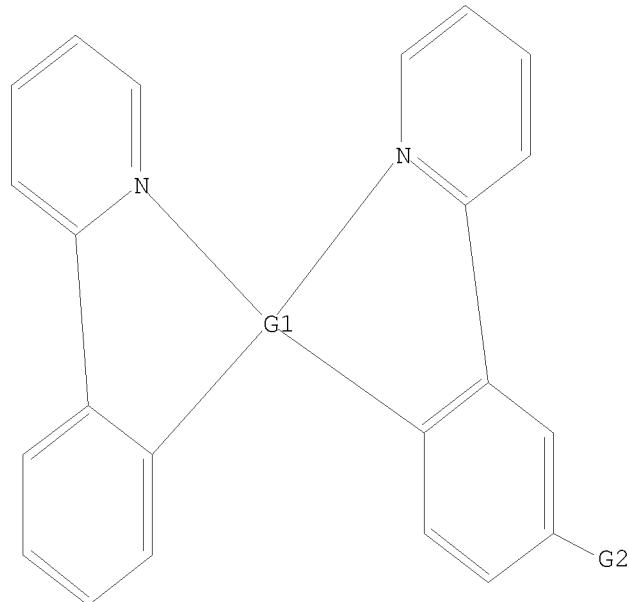
(FILE 'HOME' ENTERED AT 14:33:08 ON 30 MAR 2008)

FILE 'REGISTRY' ENTERED AT 14:33:32 ON 30 MAR 2008
L1 STRUCTURE uploaded

```
=> d l1
```

L1 HAS NO ANSWERS

L1 STR



G1 Pd,Pt

G2 Cl,Br,I

Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
```

SAMPLE SEARCH INITIATED 14:34:01 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 11 TO ITERATE

100.0% PROCESSED 11 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 22 TO 418

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

```
=> s l1 full
```

FULL SEARCH INITIATED 14:34:07 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 206 TO ITERATE

100.0% PROCESSED 206 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L3 2 SEA SSS FUL L1

=> fil caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
SESSION
FULL ESTIMATED COST 178.36 178.57

FILE 'CAPLUS' ENTERED AT 14:34:12 ON 30 MAR 2008
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FILE LAST UPDATED: 28 Mar 2008 (20080328/ED)

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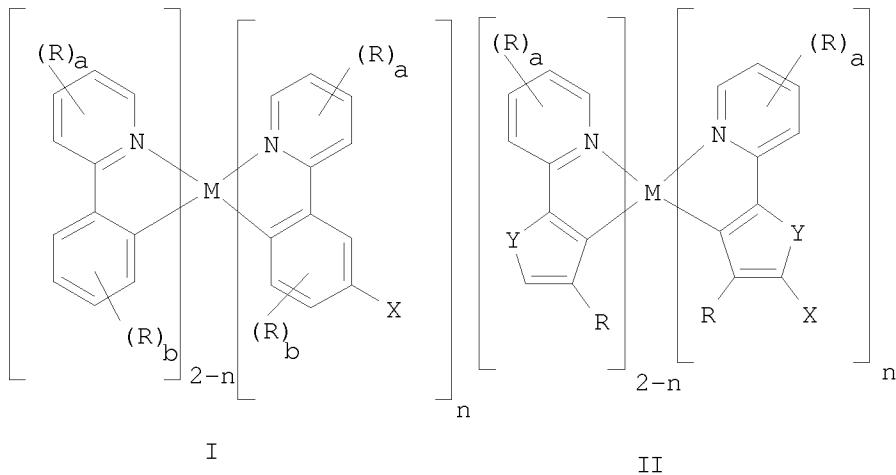
=> s 13
L4 1 L3

=> d bib abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2008 ACS on STN
AN 2004:408276 CAPLUS
DN 140:423831
TI Preparation of palladium and platinum complexes as phosphorescence emitters
IN Spreitzer, Hubert; Stoessel, Philipp; Bach, Ingrid
PA Covion Organic Semiconductors G.m.b.H., Germany
SO Ger. Offen., 23 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 10251986	A1	20040519	DE 2002-10251986	20021108
	WO 2004041835	A1	20040521	WO 2003-EP12279	20031104
	W: CN, JP, KR, US				
	RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR				
	EP 1562964	A1	20050817	EP 2003-810433	20031104
	EP 1562964	B1	20060719		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, SK				
	CN 1711275	A	20051221	CN 2003-80102917	20031104
	JP 2006505600	T	20060216	JP 2004-549102	20031104
	US 2006071206	A1	20060406	US 2005-534173	20050506

PRAI DE 2002-10251986 A 20021108
WO 2003-EP12279 W 20031104
OS CASREACT 140:423831; MARPAT 140:423831
GI



AB The present invention describes new organo-metallic compds., I and II (M = Pd, Pt; X = Cl, Br, I; Y = O, S, Se; R = same or different N, F, Cl, Br, I, NO₂, CN, straight or cyclic chain, alkyl, alkoxy, organosilyl, organothio, organoamino, organoamido, etc.; a = 0-4; b = 0-3; n = 1, 2), which are phosphorescence emitters. Such compds. are insertable as effect components (= function materials) in a set of various applications, which can be added in the broadest sense of the electronic industry. Thus, halogenation of bis[2-(2-pyridinyl- κ N)phenyl- κ C]platinum(II) with N-chlorosuccinimide in the presence of concentrate HCl in CH₂Cl₂ followed by treatment with hydrazine hydrate in EtOH gave 87.5% bis[2-(2-pyridinyl- κ N) (5-chlorophenyl- κ C)]platinum(II).

⇒

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	3.39	181.96
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.80	-0.80

STN INTERNATIONAL LOGOFF AT 14:34:33 ON 30 MAR 2008